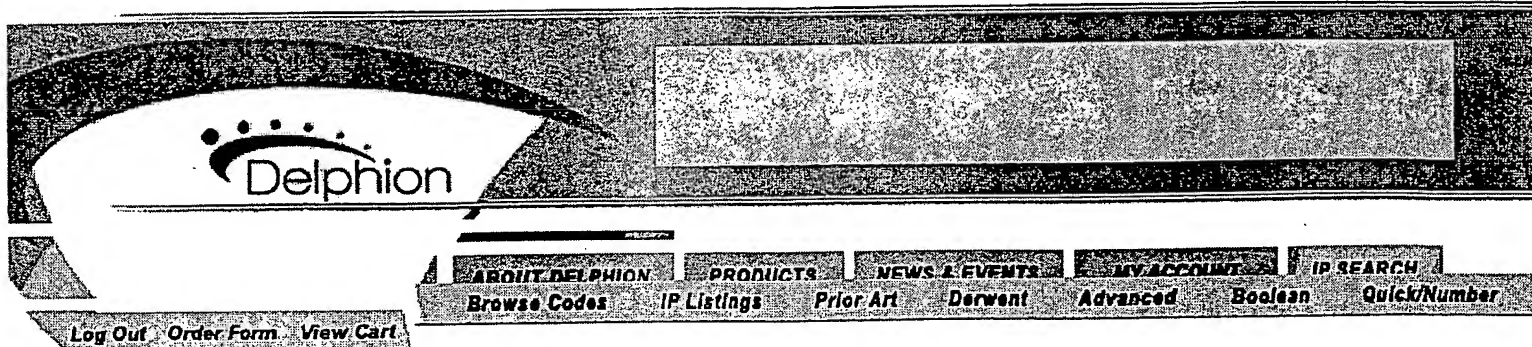


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Title: **JP20222487A2: METHOD FOR MANAGING ELECTRONIC COMMERCIAL TRANSACTION AND DATA PROCESSING SYSTEM**

Country: **JP Japan**

Kind: **A2 Document Laid Open to Public Inspection**

Inventor(s): **JAMES J TOUHEI**

Applicant/Assignee



INTERNATL BUSINESS MACH CORP <IBM>
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Issued/Filed Dates: **Aug. 11, 2000 / Jan. 11, 2000**

Application Number: **JP20002000002202**

IPC Class: **G06F 17/60; G06F 13/00;**

Priority Number(s): **Jan. 27, 1999 US1999000238113**

Abstract:



Problem to be solved: To provide a method and a system for managing electronic commercial transaction (EC).

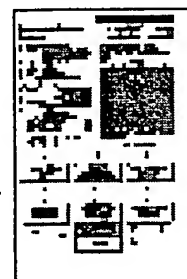
Solution: The concept of an electronic shopping cart(ESC) is expanded and the flexibility of processing for participants in an EC mall 42 is improved by preparing an electronic shopping basket 48 for the mall 42 to be included in virtual ledgers 50 of EC stores for executing the whole EC mall 42 by a method for processing the ESCs of plural store levels in the EC mall 42. All virtual ledgers 50 can be processed by a mall level without sacrificing the collection of purchase data in a store level transaction related to virtual ledger processing at the store level by a processing method for the virtual ledger 50 in a virtual mall. The system depends upon the paradigm of the ESC and is caused by business processes such as currency transactions and inventory control triggered based on a store level checkout. Consequently, each EC shopping customer can process payment for all shopping commodities in the virtual mall by a single transaction and a virtual store can receive data for updating a POS system.

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Family: Show known family members

Other Abstract Info: none

Foreign References: No patents reference this one



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